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Sarukhanyan, V. O. "Lumbar and ischiatic pains due to protrusion of the intervertebral disk," Trudy III Zakavkazsk. s"yezda khirurgov, Yerevan, 1948 (on cover: 1949), p. 610-622

SO: U-5240, 17 Dec. 53; (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

SARUKHANYAN, V. O.

30541

Prostyeishiy apparat dlya karyel. Nogo pyeryalivaniya krovi. Trudy
Yohyevansk. MyeD. IN-TA, VIP. 6, 1949, S . 116-19

SO: Letopis' No. 34 *Yerevan*

41

SARUKHANIAN, V.O.; MALKHASYAN, V.A.

Peridural anesthesia. Sovet. med. No. 2:34-36 Feb 52. (CJML 21:5)

1. Of the Department of General Surgery (Head—Prof. S.S. Sharimanyan),
Yerevan Medical Institute.

SARUKHANYAN, V.O., kandidat meditsinskikh nauk; KHEROBYAN, F.A.

Nucleography (discography) of intervertebral disks of the lumbar segment of the spine. Khirurgiia no.2:55-60 F '54. (MLRA 7:5)

1. Iz kafedry obshchey khirurgii (zavednyushchiy - professor S.S.Sharimanyan) Yerevanskogo meditsinskogo instituta i Nauchno-issledovatel'skogo instituta rentgenologii i onkologii (direktor - chlen-korrespondent Akademii nauk Armyanskoy SSR professor V.A.Fanardshyan) Ministerstva zdravookhraneniya Armyanskoy SSR. (Intervertebral disk)

Name: SARUKHANYAN, Vazgen Oganessovich

Dissertation: The Intervertebral Disc, its Ruptures and Protrusion

Degree: Doc Med Sci

Affiliation: [Not indicated]

Defense Date, Place: 20 Dec 55, Council of Yerevan Med Inst

Certification Date: 1 Dec 56

Source: BMVO 6/57

SARUKHANYAN, V.O.; DZHANDZHUGAZYAN, A.G.; MURADYAN, K.M.; VARTANYAN, A.

Potentiated anesthersia. Trudy Erev.med.inst. no.11:341-346 '60.
(MIRA 15:11)

1. Iz kafedry khirurgicheskogo sanitarno-gigiyenicheskogo fakul'teta
(zav. kafedroy - prof. V.O.Sarukhanyan) Yerevanskogo meditsinskogo
instituta.

(ANESTHESIA)

SARUKHANYAN, V.O., prof.; GEVORKYAN, L.A.

Two cases of the true mesenteric cyst. Vop.rent.i onk. 6:317-319
'61. (MIRA 16:2)

(MESENTERY—CYSTS)

SARUKHANYAN, V.O., prof.; MINASYAN, A.O., kand.med.nauk; SARKISYAN, Ya.Kh.,
kand.med.nauk; MIRZA-AVAKYAN, G.L.; TATKALO, I.V.; AYRAPETYAN, L.N.

Stomach cancer as per data of Erevan clinics and the Institute of
Roentgenology and Oncology of the Academy of Sciences of the
Armenian S.S.R. for 1949-1957. Vop.rent.i onk. 6:221-231 '61.

(MIRA 16:2)

(ERIVAN—STOMACH—CANCER)

SARUKHANYAN, V.O.; GEVORKYAN, L.A.

Case of cardiospasm operated on by B.V. Petrovskii's method
of diaphragmoesophagopasty. Khirurgiia 36 no.1:108-109 Ja '60.

(MIRA 13:10)

(CARDIOSPASM)

(DIAPHRAGM—SURGERY)

(ESOPHAGUS—SURGERY)

LAPTEV, V.K.; SARUKHANYAN, Z.N.

Work methods of the steelmaker, V.I.Boldyrev. Metallurg 6 no.6:
30-31 Je '61. (MIRA 14:5)

1. Azerbaydzhanskiy truboprokatnyy zavod im. V.I.Lenina.
(Steel---Metallurgy)

SARUKHANYAN, Z.N.

Work practices of A.P. Podgornyi's steelmaker brigade at the
Azerbaijani pipe mill. Metallurg 8 no.5:16-17 My '63.
(MIRA 16:7)

1. Azerbaydzhanskiy truboprovodnyy zavod.
(Azerbaijan—Iron and steel workers)

SAPUKHANTON, N.A.

Making steel for deep drilling pipe. Metallurg 9 no.9:
12-14 5 '64. (MIRA 17:10)

SARUL, L A.

PHASE I BOOK EXPLOITATION SOV/5685

20

Fridlyander, I. N., Doctor of Technical Sciences, and B. I. Matveyev, Candidate of Technical Sciences, eds.

Teploprochnyy material iz spechennoy alyuminiyevoy pudry [SAP]; sbornik statey (Heat-Resistant Material From Baked Aluminum Powder [SAP]; Collection of Articles) Moscow, Oborongiz, 1961. 122 p. Errata slip inserted. 3,550 copies printed.

Reviewers: M. P. Bazhenov, Engineer, and M. Yu. Bal'shin, Candidate of Technical Sciences; Ed.: M. A. Bochvar, Engineer; Ed. of Publishing House: S. I. Vinogradskaya; Tech. Ed.: V. I. Oreshkina; Managing Ed.: A. S. Zaymovskaya, Engineer.

PURPOSE : This collection of articles is intended for scientific workers and engineers in the institute and plant laboratories of the metallurgical and machine-building industry; it may also be useful to instructors and advanced students.

COVERAGE: The 12 articles contain the results of research on the structure, properties, and manufacture of semifinished products
Card 1/5

Heat-Resistant Material From (Cont.)

SOV/5685

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from sintered aluminum powder. The technology for the manufacture of aluminum powder and briquets is described as are sintering processes, and pressing, rolling, drawing, and sheet-stamping methods. The dependence of the properties of semifinished products on the aluminum-oxide content of the powder, on the degree of hot and cold deformation, and on the stresses of pressing is investigated. Also investigated are the mechanical and corrosive properties of semifinished products, the mechanism of hardening of sintered aluminum powder, the reasons for blister formation, and the possibility of recrystallization. Data on sintered aluminum alloys are included. No personalities are mentioned. References in the form of footnotes accompany the articles.

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Stepanova, M. G., G. P. Zenkov, Ye. M. Lekarenko, and L. A. Sarul'. Aluminum Powder for SAP	17
The work was carried out with the participation of G. N. Pokrovskaya, Chief of TsZL; R. V. Nesterenko, Acting Chief of the Shop; and Engineers L. I. Kibitova, N. D. Chumak, and N. I. Kolobnev.	
Matveyev, B. I., M. G. Stepanova, and N. I. Kolobnev. Effect of Specific Pressure in Pressing on Properties of Semifinished Products From SAP	30
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The work was carried out with the participation of Engineers A. V. Pedotova and I. R. Khanova, and Senior Technician L. S. Perevyazkin.	

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Heat-Resistant Material From (Cont.)

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SOV/5685

Murzov, A. I. [Candidate of Technical Sciences], S. I. Nomofilov [Engineer], and V. A. Shelamov [Engineer]. Rolling of Sheets From SAP 50

The work was carried out with the participation of Engineer R. F. Filimonova and Technicians V. I. Sverlov and O. A. Kolosov.

Matveyev, B. I., N. A. Davydova, and I. R. Khanova. Study of the Effect of the Degree of Deformation on the Properties and Structure of Pressed Semifinished Products and Cold-Rolled Sheets From SAP 59

The work was carried out with the participation of L. S. Perevyazkin and O. A. Kolosov..

Davydov, Yu. P., and G. V. Pokrovskiy. Stamping of Sheets From SAP 66

Litvintsev, A. I., and E. P. Belova. X-Ray Diffraction Study of the Oxide Phase in SAP 77

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Matveyev, B. I., P. V. Kishnev, and I. R. Khanova. Properties of Semifinished Products From Sintered Aluminum Powder	108	
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AVAILABLE: Library of Congress		

Card 5/5

JA/wrc/jw
10-27-61

ACCESSION NR: AT4012709

S/2981/63/000/002/0028/0030

AUTHOR: Lekarenko, Ye. M.; Pokrovskaya, G. N.; Zenkov, G. P.; Sarul', L. A.;
Kolobnev, N. I.

TITLE: SAP made from secondary aluminum

SOURCE: Alyuminiyevy*ye splavy*. Sbornik statey, no. 2. Spechenny*ye splavy*.
Moscow, 1963, 28-30

TOPIC TAGS: powder metallurgy, sintered aluminum, aluminum powder, sintered aluminum
powder, primary aluminum, secondary aluminum, SAP

ABSTRACT: Grade A0 and A00 primary aluminum is normally used for manufacturing grade
APS aluminum powder. The problem of using aluminum powder made of grade ATsV second-
ary aluminum (1.1% Al_2O_3 ; 3.1% Si; 2.88% Cu; 1.56% Zn; 1.1% Fe; 0.01% Mn; 0.03% H_2O ;
the rest Al, with a specific gravity of 1.15) was solved by a series of tests investigating the
mechanical properties and corrosion resistance of such blanks. These tests showed that at
temperatures up to 350C, the ultimate strength of SAP from secondary aluminum containing
7% Al_2O_3 (45 kg/mm² at 20C and 15 kg/mm² at 300C) is higher than that of SAP from pri-
mary aluminum. The relative elongation (4% at 20C, 6% at 300C), on the other hand, was
lower than that of SAP from primary aluminum at temperatures up to 100-120C and higher at

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ACCESSION NR: AT4012709

120-500C. This resembles the behavior of Cu-alloyed SAP. The corrosion resistance of SAP made of secondary aluminum (3% NaCl + 0.1% H₂O₂ for 2 months) is lower than for SAP of primary aluminum, but higher than for alloy D16. Orig. art. has 2 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 13Feb64

ENCL: 00

SUB CODE: MM

NO REF SOV: 002

OTHER: 000

Card 2/2

L 40990-66 EWP(e)/EWT(m)/EWP(t)/ETI/EWP(k) IJR(c) JH/JD
 ACC NR: AT6024932 (A,N) SOURCE CODE: UR/2981/66/000/004/0214/0218 55
 b11

AUTHOR: Lekarenko, Ye. M. (deceased); Stepanova, M. G.; Sarul', L. A.; Kolobnev, N. I.; Zenkov, G. P.

ORG: none

TITLE: Aluminum powder for high-strength SAP alloy

SOURCE: Alyuminiyevyye splavy, no. 4, 1966. Zharoprochnyye i vysokoprochnyye splavy (Heat resistant and high-strength alloys), 214-218

TOPIC TAGS: aluminum alloy, aluminum powder, TENSILE STRENGTH, high strength alloy, sintered aluminum powder, ~~sintered aluminum powder alloy~~, metal property/SAP aluminum alloy

ABSTRACT: SAP-1 and SAP-2 alloys made of APS-1 and APS-2 grade aluminum powder (respective content of aluminum oxide 6—9 and 9—13%) have a tensile strength of 26—32 kg/mm² and 32—38 kg/mm², respectively. By increasing the content of aluminum oxide to 23% the strength of alloys can be increased up to 45 kg/mm². Two new grades of aluminum powder were developed: APS-3 with 13—18% aluminum oxide and APS-4 with 18—23% aluminum oxide. Since the content of aluminum oxide depends on the fineness of the powder, which in turn depends on the duration of grinding (APS-1 and APS-2 powders require 25 and 35 hr grinding), the grinding process was modified to accelerate oxidation and lower the consumption of stearic acid (which is added to prevent the agglomeration of powder particles). SAP alloys made from APS-3 and APS-4 powders.

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L 40990-66

ACC NR: AT6024932

have a tensile strength of 40—50 kg/mm² at room temperature and 13—15 kg/mm² at 500C, which makes it possible to use these alloys in structures operating at 350—500C instead of steels and titanium alloys. Orig. art. has: 2 figures and 1 table. [AD]

SUB CODE: 11 / SUBM DATE: none/ ORIG REF: 003/ OTH REF: 001/ ATD PRESS: 5057

Card 2/2 11b

SARUNAC, T.

Effect of the element of the situation on engineering defense organization, p. 25

VOJNI GLASNIK (Jugoslavenska narodna armija) Beograd, Yugoslavia.
Vol. 12, No. 1, Jan 1958

Monthly List of East Europe^{AX} Accessions EEAI LC, Vol, 8 no. 6, June 1959
Uncla.

SARV, H.

Visiting collective farms in the Moscow Oblast. (To be contd.)

P. 295, (Sotsialistlik Põllumajandus) Vol. 12, no. 7, July 1957, Tallinn, Estonia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

SARV, H.

Estimating soil productivity on the basis of economic analysis.

P. 339, (Sotsialistlik Pllumajandus) Vol. 12, no. 8, Aug. 1957, Tallinn, Estonia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

SARV. H.

Visiting collective farms in the Moscow Oblast. (To be contd.)

P. 346, (Sotsialistlik Põllumajandus) Vol. 12, no. 8, Aug. 1957, Tallinn, Estonia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

SARV, H.

Visiting collective farms in the Moscow Oblast.

p. 390 (Sotsialistlik Põllumajandus) Vol. 12, no. 9, Sept. 1957, Tallin, Estonia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

SARV, H.

A meeting of the teachers of the agricultural cadres. p.477

GAZ, WODA I TECHNIKA SANITARNA (Stowarzyszenie Naukowo-Techiczne Inzynierow i Technikow Sanitarnych Ogrzewnictwa i Grownictwa) Warszawa, Poland
Vol.13, no.10, Oct. 1958

.1
Monthly list of East European Accessions (EEAI) LC, Vol.9, no.2, Feb. 1960

Uncl.

SARV, H.

A meeting of stock breeders. p.532

SOTSIALISTLIK POLLUMAJANDUS. Tallinn, Estonia. Vol. 14, no. 11, June 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

SARV, J.

More attention to the injuries caused by, and the control of the timothy fly, Amaurosoma. p. 350.

GAZ, WODA I TECHNIKA SANITARNA (Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Sanitarnych, Ogrzewnictwa i Gazownictwa)
Warszawa, Poland, Vol. 13, no. 8, Aug. 1958.

Monthly list of East European Accession (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

SARV, J.

Zinc phosphide offers good results in controlling rodents. p. 165.

SOTSIALISTLIK POLLUMAJANDUS. Tallinn, Hungary. Vol. 13, no. 4, Apr. 1958.

Monthly List of East European Accessions (EEAI), ^{Vol. 8} LC, No. ^{12 Dec.} 4, ~~July~~ 1959.

Uncl.

SARV, I. I., Cand Med Sci -- "Effect of ~~the~~ operative interference ^{upm} ~~on the~~ reactivity of the organism according to dynamic data of phagocytosis and other indices. (Clinical, laboratory ^{and} study)." Tartu, 1961. (Acad Sci ESSR, ^{Part} ~~Branch~~ of Biol and Med Sci) (KL, 8-61, 264)

- 516 -

SARV, L. I.

SARV, L. I. - "The Ordovician Ostracods of the Estonian SSR." Acad Sci Estonian SSR. Department of Technical and Physicomathematical Sciences. Tallin, 1955. (Dissertation for the Degree of Candidate of Geologicomineralogical Sciences)

So; Knizhnaya Letopis', No 3, 1956

USSR/Weeds and Their Control.

N

Abs Jour: Ref Zhur-Biologiya, No 5, 1958, 20638.

Author : P. Sarv

Inst : ~~Not given.~~

Title : The Use of Herbicide P in Forest Nurseries for Weed Control.

Orig Pub: Sots. pollumajandus, 1957, No 1, 41-42.

Abstract: No abstract.

Card : 1/1

SARV, V.; ABO, L., red.; LAOS, H., tekhn. red.

[Regulating the speed of electric motors by means of
magnetic amplifiers] Elektrimootorite kiiruse reguleerimine
magnetvoimendajate abil. Tallinn, Eesti NSV Ministrite
Naukogu Riiklik Teaduslik-Tehniline Komitee, 1960. 29 p.
(MIRA 15:2)

(Electric motors) (Magnetic amplifiers)

SARV, V., kand. tekhn. nauk

Acceleration and energy build-up of a magnetic flux. Izv.
AN Est. SSR. Ser. fiz. mat. i tekhn. nauk 11 no.4:263-271
'62. (MIRA 16:1)

1. Institut energetiki AN Estonskoy SSR.

(Magnetic fields)

23-58-2-7/9

AUTHOR: Sarv, V.V.

TITLE: Determination of the Mechanical Characteristics of an Asynchronous Motor with Premagnetized Saturation Chokes in the Rotor Circuit (Opredeleniye mekhanicheskikh kharakteristik asinkhronnogo dvigatelya s drosselyami nasyscheniya v tsepi rotora)

PERIODICAL: Izvestiya Akademii nauk Estonskoy SSR, Seriya tekhnicheskikh i fiziko-matematicheskikh nauk, 1958, Nr 2, pp 148-153 (USSR)

ABSTRACT: Due to the increased application of controlled alternating current drives, methods for calculating the characteristics of these motors are needed. The author offers a comparatively simple method, consisting of a graphic analysis determining the mechanical characteristics of asynchronous motors with premagnetized saturation chokes in the rotor circuit. An experimental control of the calculating method suggested by the author showed a difference of 9% between the calculated and the actual values, which must be considered a satisfactory degree of accuracy, since the method advanced by V.M. Kacherovskiy had a minimum deviation of 20%.

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There are 2 diagrams, 2 graphs and 3 Soviet references.

23-58-2-7/9

Determination of the Mechanical Characteristics of an Asynchronous Motor
with Premagnetized Saturation Chokes in the Rotor Circuit

ASSOCIATION: Institut energetiki Akademii nauk Estonskoy SSR (Institute of
Power Engineering of the Academy of Sciences of the Estonian
SSR)

SUBMITTED: Dec 4, 1957

Card 2/2 1. Electric motors - Performance - Mathematical analysis

SOV/23-58-3-2/11

AUTHOR: Sarv, V.V.

TITLE: On the Possibility of Extending the Area of Regulation of an Asynchronous Engine (O vozmozhnosti rasshireniya oblasti regulirovaniya asinkhronnogo dvigatelya)

PERIODICAL: Izvestiya Akademii nauk Estonskoy SSR, 1958, Nr 3, pp 174 - 185 (USSR) (Seriya tekhnicheskikh i fiziko-matematicheskikh nauk)

ABSTRACT: Ordinary switching arrangements for the automatic control of asynchronous engines with magnetized choke coils preclude the regulation of such engines when they are under small loads or are running idle, since in these switching arrangements the only regulating effect is contained in the symmetrical change of the reactances in all phases of the stator or rotor circuit: nor is there a braking couple at the changeover to smaller rates of revolutions. The author suggests a switching arrangement which eliminates these shortcomings by the automatic changeover of the engine from the symmetrical operation method to the asymmetrical and vice versa. A five-point research program of theoretical and experimental investigations leading to this aim is described. There are 3 dia-

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SOV/23-58-3-2/11

On the Possibility of Extending the Area of Regulation of an Asynchronous Engine

grmas, 3 graphs and 5 references, 1 of which is English and 4 Soviet.

ASSOCIATION: Institut energetiki AN Estonskoy SSR (The Power : Institute of the AS Estonian SSR)

SUBMITTED: February 17, 1958

NOTE: Russian title and Russian names of individuals and institutions appearing in this article have been used in the transliteration

1. Electric motor--Control systems

Card 2/2

SARV, V. V., Candidate Tech Sci (diss) -- "Regulating the rate of an asynchronous motor with a phase rotor using saturation chokes under conditions of symmetrical and asymmetrical power supply". Leningrad, 1959. 14 pp (Min Higher Educ USSR, Leningrad Electrical Engineering Inst im V. I. Ul'yanov (Lenin)), 150 copies (KL, No 25, 1959, 135)

8(5)

SOV/23-59-1-5/10

AUTHOR: Sarv, V.V.

TITLE: An Asynchronous Engine With a Frequency-Sensitive Regulator in the Rotor Circuit (Asinkhronnyy divigatel' s chastotnochuvstvitel'nyy regul'yatorom v tsepi rotora)

PERIODICAL: Izvestiya Akademii nauk Estonskoy SSR, 1959, Nr 1, pp 46 - 53 (USSR)

ABSTRACT: This article deals with the problem of regulating the rotation speeds of electric engines, using the MKMAR-14/6 asynchronous throttle-drive engine as the basic object of examination. Experiments have proved that the frequency-sensing elements can be applied for the automatic regulation of the engine rotation speed not only in asynchronous engines on a symmetrical work regime and throttle drive, but also on engines of other schemes, for example, on an engine with impulse regulation where the stator winding is not disconnected from the network.

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SOV/23-59-1-5/10

An Asynchronous Engine With a Frequency-Sensitive Regulator in the Rotor Circuit

On a non-symmetric work regime, the input of the sensing element should be fed only with voltage of direct sequence, from the circuit of the rotor. When the engine is regulated only within the I quadrant, the filter of lower frequencies should be cut in between the rotor and the sensing element. The frequency of the filter's cut must then be equal to the frequency in the supply network. There are 4 diagrams, 2 graphs and 3 Soviet references.

ASSOCIATION: Institut energetiki Akademii nauk Estonskoy SSR
(Institute of Power Engineering of the Academy of Sciences of the Estonian SSR)

SUBMITTED: September 19, 1958

Card 2/2

S/023/62/011/004/002/002
D234/D308

AUTHOR: Sarv, V., Candidate of Technical Sciences

TITLE: Acceleration and power relations of an increasing magnetic flux

PERIODICAL: Akademiya nauk Estonskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh i tekhnicheskikh nauk, v. 11, no. 4, 1962, 263-271

TEXT: The author considers the energy relations in the transient process after switching a RL circuit to a d.c. voltage. The disadvantages of the ordinary (exponential) process are: a) the initial power is considerably smaller than the nominal power, b) the efficiency of the conversion of electrical energy into magnetic energy is large only at the beginning of the process. Only about 1/5 of the used energy is converted into magnetic energy. Existing methods of accelerating the transient process are reviewed and classified. The author proposes the use of an additional valve in an existing circuit. It is also possible to divide the coil into

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Acceleration and power ...

S/023/62/011/004/002/002
D234/D308

in equal parts connected in series through valves. A circuit using two condensers is described, which was tested experimentally and was found to accelerate the transient process by 10 and more times. A diagram of another circuit with a single condenser is given. There are 6 figures. ✓

ASSOCIATION: Institut energetiki AN EstSSR (Institute of Power Engineering, AS EstSSR)

SUBMITTED: December 25, 1961

Card 2/2

SARVANIDI, N.G. (st. Zhuravskaya Krasnodarskogo kraya).

From the experience of extracurricular work, Khim.v shkole 12 no.4:
50 J1-Ag '57. (MLRA 10:8)

(Chemistry--Study and teaching)

SARUAM MILLEUJE

1. What affects the growth and development of embryos in the womb of the mother? Prof. Dr. HILARIO V. GARCIA, pp. 1-3.
2. What abnormalities have adverse effects on the body? Docent Dr. JOSE OCHOA, pp. 4-7.
3. Regarding the spontaneous loss of fertility, treatment Dr. FELIX HERNANDEZ, pp. 7-8.
4. Stereoplasty? Dr. HEDERA HERNANDEZ, Assistant at the Ophthalmology Clinic, Sarajevio, pp. 10-12.
5. "Clastic Proliferation" Dr. PETER ZIVKOVIC, pp. 13-14.
6. Further possibilities of defense against tuberculosis Dr. STANISLAV LAKOVIC, pp. 14-16.
7. "Sources of vitamins and minerals required for good nutrition, among natural products in BiH (Bosnia and Herzegovina); Dr. FELIX HERNANDEZ, pp. 17-20.
8. "Complexion" Dr. IVAN MILAKOVIC, Neuropsychiatrist; p. 20-23.
9. Health Education in Commercial Organizations; Milan R. JOVANOVIC, pp. 23-25.
10. "Participation in Sarajevio" pp. 26-29.
11. Prosthetic Discharge in the Military; Assistant at the Surgical Clinic (Sarajevio); pp. 29-31.

1. Osm. Kultura. 2. Sarajevio Kultura.

SARVAK, M.

1. "Tuberculosis of Female Genital Organs" Prof Dr M. Sarvako, 1951, pp 1-3.
2. "Tuberculosis of the Upper Respiratory Pathways and of the Larynx" Prof Dr M. Sarvako, 1951, pp 1-7.
3. "Tuberculosis in Infants in the Spring Season" Prof Dr M. Sarvako, pp 7-9.
4. "Vaccination of the Voice and the Speech" Docent Dr. Jozsef Orosz, pp 10-13.
5. "Mumps in Peter M. Sarvako, pp 14-16.
6. "The Defending Army" Professor Dr. Jozsef M. Sarvako, pp 16-18.
7. "Irregular Stools and Constipation" Dr. Jozsef M. Sarvako, pp 18-21.
8. "Effect of Tuberculosis and Alcoholism in Our Country and in the World" Dr. Jozsef M. Sarvako, pp 21-23.
9. "Bad Habits" Prof Dr. Jozsef M. Sarvako, pp 24-25.
10. "Infectious Diseases are Disappearing" M. Sarvako, pp 26-27.
11. "Our Popular Medicine" Dr. Jozsef M. Sarvako, pp 28-30.
12. "Sanitary Inspection of Food" Dr. Jozsef M. Sarvako, pp 31-32.

SARVANI, MILIVOJE

- Saravani, Milivoje, Vol. 16, No. 9, Sept 61
1. Infectivity and pathogenicity of Salmonella in small children (with Milivoje Saravani) pp 1-4.
 2. Causes of Colic in Infants (with Milivoje Saravani) pp 4-7.
 3. The Use and its Structure of Dr. Milivoje Saravani pp 7-8.
 4. The Importance of Vaccination and Booster Shots in Novosibirsk pp 8-13.
 5. Prophylactic Infections of Herd and Poultry (with Milivoje Saravani) pp 13-16.
 6. The Problem of Vaccination in the World and in Our Country (with Milivoje Saravani) pp 17-20.
 7. The Problem of Vaccination for Backyard and Foreground (with Milivoje Saravani) pp 20-22.
 8. The Problem of Vaccination for Backyard and Foreground (with Milivoje Saravani) pp 22-24.
 9. The Problem of Vaccination for Backyard and Foreground (with Milivoje Saravani) pp 24-26.
 10. The Problem of Vaccination for Backyard and Foreground (with Milivoje Saravani) pp 26-28.

SARVAN, M.; ZEC, N.; VASIC, D.; MAJSTOROVIC, M.; BOGDANOV, B.; HAKSTOK, V.

Medicine, Bul sc Youg 7 no.3:67-68 Je '62.

1. Medicinski fakultet, Sarajevo.

*

SARVAN, M.; HADZIC, J.; HAVERIC, Dz.; SPAHIC, M.

Intestinal infection in infants and small children. Bul sc Youg
7 no.3:68 Je '62.

1. Medicinski fakultet, Sarajevo.

*

SARVANOV, A. M.

SARVANOV, A. M.: "Changes in the blood composition following denervation of the carotid sinuses and resection of the depressor nerves." Tomsk State Medical Inst imeni V. M. Molotov. Khabarovsk, 1956. (Dissertation for the Degree of Candidate in Medical Science.)

Knizhnaya letopis', No. 30, 1956. Moscow.

SARVARI, Bela

Machine corrosion: 25 tons a year. Mezogazd techn 1 no.1:7
'61.

ACC NR: AR7000849

SOURCE CODE: UR/0058/66/000/009/D094/D094

AUTHOR: Medvedev, L. I.; Sarvarov, D. I.

TITLE: Synchronous Q switch for a laser resonator

SOURCE: Ref. zh. Fizika, Abs. 9D760

REF SOURCE: Sb. Tezisy dokl. Yubileyn. nauchn. konferentsii, posvyashch. XX-letiyu in-ta. Kazansk. fiz. -tekhn. in-t, 1966, Sekts. fiz. n. Kazan', 1966, 82-84

TOPIC TAGS: Q switch, laser switch, synchronous Q switch

ABSTRACT: A description is given of a Q-switch with a combustible film and a synchronous pulse generator for controlling the switch and the laser flash lamp. The film is volatilized using a TGI1-400/16 thyatron fed from a 0.05 μ f capacitor charged at 7—12 kv. A layer of pure aluminum, with a 0.5 adsorption factor for the given wave or aluminum coated with a high-temperature oxidation-resistant nitrocellulose varnish is used as the film. In the latter case there is a more complete combustion of the layers. Yu. Kutev. [Translation of abstract]

[NT]

SUB CODE: 20/
Card 1/1

BARTOS, Gyula, okleveles gépészmérnök; JANCSON, Tibor; JAROSI, Marton; CSERNAVOLGSI,
László; GRAF, László, dr.; MOTICSKA, Felician; SEIBERT, Istvan; ZAVODSZKY,
Ferenc; EHMAN, József; ELSZASZ, Rezső; SZABO, Gyula; TANASS, József;
NOSZTRAI, Konrad; PETER, Istvan; BARDOSSY, Dezső; SARVARY, Elemer;
VALY, Ferenc, dr.; DOBOS, Imre; KOVACS, Sandor; MAJOROS, Sandor

Designing questions of city gas distributing networks. Energia
és atom 18 no.1:33-47 Ja '65.

1. Civil Engineering Designing Office, Budapest (for Bartos).
2. National Power Economy Authority, Budapest (for Majoros).

SARVASH, Ferents [Sarvas, F.] (Vengriya)

On wofatox poisoning. Klin.med. 39 no.1:148-151 Ja '61.
(MIRA 14:1)

1. Iz terapevticheskoy kliniki No.1 (dir. - prof. Miklosh Yules)
Meditinskogo universiteta v gorode Seged.
(PHOSPHOROTHIOIC ACID—TOXICOLOGY)

SARVAY, T.

KORPASSY, B.; ORMOS, J.; SARKADI, A.; GERLEI, F.; SARVAY, T.

Giant follicular lymphoblastoma (Brill-Symmers disease) as a preblastomatosis with transition into malignant hemoblastoses. Acta morph. hung. 4 no.2:201-208 1954.

1. Institut für Pathologische Anatomie (Direktor: Prof. B.Korpassy) und I. Klinik für Innere Medizin (Direktor: Prof. G.Hetenyi) der Medizinischen Universität in Szeged; Abteilung für Innere Medizin (Leiter: T.Sarvay) und Abteilung für Pathologie (Leiter: F.Gerlei) des Komitátskrankenhauses von Szabolcs-Szatmar, Nyiregyhaza (Director: B.Zempleni)
(LYMPHOSARCOMA
giant follicular, pathol.)

KORPASSY, Bela, dr.; ORMOS, Jeno, dr.; SARKADI, Adam, dr.; SARVAY, Tivadar, dr.; GERLEI, Ferenc, dr.

Giant follicular lymphoblastoma (Brill-Symmers' disease) as preblastomatous process with transition into other malignant hemoblastoses. Orv hetil 95 no.19:508-512 Mj '54. (REAL 3:8)

1. A Szegedi Orvostudományi Egyetem Korbonctani Intézetének (igazgató: Korpassy Bela dr. egyet. tanár) és I. sz. Belklinika-jának (igazgató: Hetenyi Geza dr. egyet. tanár), a Szabolcs-Szatmar megyei Tanács Kórháza Nyíregyháza (igazgató: Zempleni Bela dr.) Belgyógyászati Osztályának (főorvos: Sarvay Tivadar dr.) és Korbonctani-kórszövettani Osztályának (főorvos: Gerlei Ferenc dr.) közleménye.

(LYMPHOSARCOMA

*giant, follicular, transition from giant follicular lymphadenopathy)

YELIZAVETIN, S.; SARVENKOV, I.

With the mandate of the trade-union council, Okhr. truda i sots.
strakh. 5 no.9:15 9 '62. (MIRA 16:5)
(Kvybyshev Province--Farm mechanization--Safety measures)

LEVIN, V.I.; MESHCHEROVA, I.V.; MARYGINA, A.B.; SARVETNIKOV, O.Ye.

Extraction method of isolation of carrier-free calcium-45
from fast neutron-irradiated scandium. Radiokhimiia 5
no.1:37-41 '63. (MIRA 16:2)

(Scandium) (Calcium isotopes) (Neutrons)

SARVIN, N.S.; NIKULIN, I.Ya.; GUSHCHIN, G.G.

Introducing an automatic machine for cutting threads in
box nuts. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.
nauch.i tekhn.inform. 18 no.11:20-21 N '65.

(MIRA 18:12)

SARVINA, A.S.

137-1958-2-2726

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 75 (USSR)

AUTHORS: Shmykov, A.A., Sarvina, A.S.

TITLE: The Effect of Hydrogen Moisture on the Decarbonization of Iron-graphite Products (Vliyaniye vlazhnosti vodoroda na obezuglerozhivaniye zhelezografitovykh izdeliy)

PERIODICAL: V sb.: Poroshkovaya metallurgiya. Nr. 4, Moscow, 1956, pp 48-58

ABSTRACT: Experimental investigations were made of the effect of the temperature (in the 800-1200° range) and duration of sintering in an H₂ atmosphere with varying moisture (at a gas consumption rate of a liter per minute) and of the initial porosity of the pressed compacts on the decarbonization of Fe-graphite products. It was shown that the capacity of the H₂ for decarbonization decreased with the decline of its moisture content but that it did not drop to zero even when the dew point was -60°. It is recommended that sintering be done with minimum moisture in the gas and maximum density of the pressed compact.

I.B.

Card 1/1

1. Iron graphite--Sintering 2. Iron graphite--Temperature effects

12(2)

SOV/113-59-3-14/17

AUTHOR: Sarvina, A.S.

TITLE: Powder Metallurgy in the Czechoslovakian Automobile Industry (Poroshkovaya metallurgiya v avtomobil'noy promyshlennosti Chekhoslovakii)

PERIODICAL: Avtomobil'naya promyshlennost', 1959, Nr 3, pp 43 - 45 (USSR)

ABSTRACT: In Czechoslovakia there are three specialized plants, Kovohut-Mokrad, Elektrokarbon and Zavod Prvni Petiletky, which produce metal powders and an assortment of about 120 types of metal-ceramic parts: self-lubricating bearings, piston rings, gasket rings, current collectors, shock absorber pistons, filters, brake linings, parts of sewing machines and computers. Figures 1 - 3 are photos of assortments of metal-ceramic parts which are chiefly designed for the automobile industry. In most cases, the plant equipment, presses and furnaces are outdated, and only recently high-speed automatic presses and furn-

Card 1/6

SOV/113-59-3-14/17

Powder Metallurgy in the Czechoslovakian Automobile Industry

aces of Czech design are being introduced. Investigations are under way to produce iron powder by a cheaper method, since the problem of obtaining metal powders for industrial use has not yet been solved. Piston rings, brake linings, clutch disks and metal-ceramic filters are produced by the Kovohut-Mokrad plant, while the plant Elektrokarbon manufactures three types of shock absorber pistons. Piston rings are produced from a mixture of 72.5% iron powder produced by the "Gametag" method (grinding of wire in a whirl mill (vikhrevaya mel'nitsa) and 24% produced by the DPG method (pulverization of the liquid iron by water). Further, 2% copper and 1.5% graphite are added. For saving metal powder, scale is added in an amount of 25% of the DPG powder weight. The Gametag and the DPG powders are mixed for the following reasons: The mechanically produced powder has laminar-shaped particles and is hard to press while the products made of it possess a high mechanical strength. The granulated DPG powder has spherically

Card 2/6

SOV/113-59-3-14/17
Powder Metallurgy in the Czechoslovakian Automobile Industry

shaped articles and does not present any difficulties for pressing. These properties may be combined by mixing. The mixture is roasted in "Mikhael's" (Russian transliteration) chamber furnaces with CO, CO₂, H₂ as shielding gas. The piston rings are shaped on hydraulic presses and Figure 4 shows a cross-section of a die. Sintering is performed in Degussa furnaces at 1,100° C for 1.5 hours. The rings are then machined to the required dimensions and receive their final shape by heat treatment at 500° C. This time the heating is performed without shielding gas, since the plant workers have the opinion that the oxide layer provides higher anti-friction properties. The ultimate bending stress of the metal-ceramic rings must be 50-80 kg/mm², the ultimate tensile strength 25 - 40 kg/mm². The elasticity modulus must be 1.0 - 1.3 (x10⁴) and the Brinell hardness 79 - 140. Comparative tests were conducted with conventional cast iron and metal-

Card 3/6

SOV/113-59-3-14/17
Powder Metallurgy in the Czechoslovakian Automobile Industry

ceramic rings, whereby the latter showed higher qualities. These tests were conducted on "Tatraplan" automobiles and Zetor-25 tractors. It was established that metal-ceramic piston rings may be used without any risk as spare parts for engine repair. The production cost of metal-ceramic piston rings is lower than that of cast iron rings. Calculations show that the self-cost may be 20 - 22% lower than that of cast iron rings if modern presses and furnaces are used at the Kovohut-Mokrad plant. Presently the scientific research department of LIAZ in Mni-chovo Hradiste is investigating the application of metal-ceramic piston rings instead of chrome-plated rings. Clutch disks are manufactured at the Kovo-hut-Mokrad plant by sintering a friction compound to a steel base. The friction compound consists of 70% copper, 7.5% graphite, 7% silicon, 4.5% silicon oxide and 11% lead. The disks are pressed with 2 tons/cm² and are sintered in bell-shaped furnaces under a pressure of 10 kg/cm² and 780° C for

Card 4/6

SOV/113-59-3-14/17

Powder Metallurgy in the Czechoslovakian Automobile Industry

about 2 hours. The disks are cooled together with the furnace. The quality of the friction layer on the steel base is controlled by ultrasound devices. These disks will work up to temperatures of 250 - 300° C. For higher temperatures (810-910°), higher loads and speeds, a new friction material consisting of 20% graphite and 80% iron is under development by the Institute for Powder Metallurgy. Tests conducted with the clutch disks on 7 and 12 ton trucks over 80,000 km showed positive results. Oil filters are made of DPG powder consisting of particles of 150 - 300 microns. Filters are sintered at 1100° C during 2 hours in a dissociated ammonia atmosphere and then the furnace is cooled to 800° C. Shock absorber pistons are produced at the Elektrokarbon plant from a mixture of 50% iron powder, 1.45% graphite, 0.5% zinc stearate and 0.05% kerosene. The parts are pressed on a 100 ton press and are sintered at 1050° C.

Card 5/6

SOV/113-59-3-14/17
Powder Metallurgy in the Czechoslovakian Automobile Industry
during 3 hours in a hydrogen atmosphere of 140 - 200mm
water column in a "Mikhael's" furnace. The sintered
parts are soaked in oil at a temperature of 105° for
20 minutes. There are 3 photos, 1 diagram and 1
graph.

Card 6/6

SHMYKOV, A.A., prof., doktor tekhn.nauk; SAKLINSKIY, V.S., inzh.; Prinimali
uchastiye: SARVINA, A.S.; SVETOVIDOV, V.K.

Relation of iron powder sintering to allotropic transformations.
Metalloved. i term. obr. met. no.12:26-36 D '60. (MIRA 13:12)

1. Vsesoyuznyy zaochnyy mashinostroitel'nyy institut i Nauchno-
issledovatel'skiy institut tekhnologii avtomobil'noy promyshlennosti.
(Sintering) (Allotropy)

SARY, B.;BRETAN, M.

The role of amino acids and the thymus in the pathogenesis of essential hypertension. *Magy. belorv. arch.* 5 no.4:163-166 Dec 1952. (CJML 25:5)

1. Doctors. 2. Second Internal Clinic (Director -- Prof. Dr. Imre Haynal) of Budapest Medical University.

LOVEI, E.; BRETAN, M.; SARY, B.

Streptomycin therapy of Addison's diseases. Orv. hetil. 94 no. 3:
81-82 18 Jan 1953. (CML 24:1)

1. Doctors. 2. Second Internal Clinic (Director -- Prof. Dr. Imre Haynal). Budapest Medical University.

SARY, B.; BRETAN, M.; BONA, E.

Pathogenesis of hepatorenal syndrome based on 4 clinical observations.
Orv. hetil. 94 no. 48:1328-1331 29 Nov 1953. (CML 25:5)

1. Doctors. 2. Second Internal Clinic (Director -- Prof. Dr. Imre
Hayns), Budapest Medical University.

SARY, B.; PORZASZ, J.

Experimental studies on pathogenesis of thymic death. Acta med.
hung. Suppl. 6 no.1:42-47 1954.

1. II Klinik fur innere Medizin der Medizinischen Universitat,
Budapest.

(DEATH, SUDDEN

thymic death, exper., pathogen. in cats & rabbits)

SARY, Bela, dr.; FORSZASZ, Janos, dr.

Clinical considerations on causes of death in lymphatico-hypoplastic diathesis. Magy. belorv. arch. 8 no.4:116-122 Aug 55.

1. A Budapesti Orvostudományi Egyetem II. sz. Belklinikájának (Igazgató: Haynal, Imre dr. egyetemi tanár) és a Gyógyszertani Intézet (Igazgató: Issekutz, Bela dr. egyetemi tanár) közleménye.

(LYMPHATISM, experimental,
eff. of thymus extract on adrenalectomized animals,
fatal.)

(THYMUS,
extract, causing sudden death in adrenalectomized
animals in lymphatism.)

(TISSUE EXTRACTS,
thymus, causing sudden death in adrenalectomized
animals in lymphatism.)

(ADRENAL GLANDS, effect of excision,
thymus extract causing sudden death in adrenalectomized
animals in lymphatism.)

SARY, BELA

A-U-S-T.

Histidine determination in human serum and urine in cases of essential hypertension. Bela Sary and Maria Szekerke (II. Med. Klinik Budapest). *Mag. Z. inn. Med.* 36, 103-7 (1965). — Detn. of histidine (H) in human serum and urine by the method of Tsvetkov and Torban (C.A. 45, 5223h; bromination of I, soln; of the black ppt. in NH_4Cl , chromatography and colorimetry in pyridine) gave values of 6-17 γ/ml . (in serum) and 0-5 γ/ml . I (in urine) for healthy persons. The same values are obtained in cases of nephrogenic or arteriosclerotic hypertension; in essential hypertension and in menstruation I is considerably increased in both serum and urine. This may be based upon a disturbance of liver function.

H. R. L.

SARY, Bela, Dr.

Gastropin; ulcer therapy with anticholinergic drugs. Orv. hetil. 99
no.43:1508-1510 26 Oct 58.

1. A Budapesti Orvostudományi Egyetem II. sz. Belklinikájának közleménye.
(ATROPINE, related cpds.
N-(p-biphenylmethyl)-atropinium bromide ther. in ulcers
(Hun))
(ULCER, ther.
N-(p-biphenylmethyl)-atropinium bromide (Hun))

VERECKEI, Istvan, Dr.; GIAZ, Edit, Dr.; OO, Maria, Dr.; SARY, Bela, Dr.

Conn's syndrome. Orv. hetil. 100 no.21:752-756 24 May 59.

1. A Budapesti Orvostudományi Egyetem II. sz. Belklinikájának
és III. sz. Belklinikájának (igazgató: Gomori Pál dr. egyet.
tanár) közleménye.

(ALDOSTERONISM

aldosteronism, case reports (Hun))

FUIOP, Tibor, dr.; SARI, Balint, dr.

Stevens-Johnson syndrome. Orv. hetil. 103 no.34:1620-1621 26 Ag '62.

1. Debreceni Orvostudományi Egyetem, I. Belklinika.
(ERYTHEMA MULTIFORME case reports)

52101-65 EPF(c)/EMT(m)/EWP(j)/T Pc-4/Pr-4 RM

ACCESSION NR: AP5015271

UR/0286/65/000/009/0051/0051

AUTHORS: Arkin, Ye.-S. A.; Chernyy, V. Ya.; Vnukovskiy, Ye. T.; Sorokin, N. A.; Kuvaldin, A. I.; Saryayeva, E. G.; Rysakov, G. V.; Vasillevskiy, P. F.; Stolypin, A. B.; Pautov, A. V.

TITLE: A turbomolecular high-vacuum pump. Class 27, No. 170609

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 9, 1965, 51

TOPIC TAGS: vacuum pump, turbomolecular vacuum pump

ABSTRACT: This Author Certificate presents a turbomolecular vacuum pump with a 2-stream rotor and an electric drive mounted in the fore-vacuum chamber (see Fig. 1 on the Enclosure). To increase its reliability, efficiency, and the power coefficient, the electric drive consists of two auxiliary high-frequency electric motors of equal power, mounted on the shaft brackets. These motors may be switched in to work together in accelerating the shaft up to its full rpm in a desired period of time, whereupon one of them is disconnected. To strengthen the insulation and to diminish the gas separation, the winding and the core of the electric motor stators are coated with an epoxy resin with a filler of low vapor tension. To diminish the vibrations and to increase the reliability of bearing supports, the latter are

Card 1/3

SARY, H.

"Cooperation in research between agronomists and geobotanists becomes closer."

p. 566 (Sotsialistlik Pllumajandus) Vol. 12, no. 12, Dec. 1957
Tallinn, Estonia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

1. SARYAKIN, I.M.
2. USSR (600)
4. Horses - Physiology
7. Norms of arterial blood pressure in horses of an asthenic type and its variation during racing trails, Konevodstvo 23 no. 5, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

SAPYAREVA, V.V.; VANNIKOV, A.V.

Radiolysis of sulfuric acid solutions of diethyl ether in the
presence of oxygen. Zhur.fiz.khim. 36 no.5:933-936 My '62.
(MIRA 15:8)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
(Ethyl ether) (X rays)

SARYBATYROV, S. O.

SARYBATYROV, S. O. -- "Crater Field of the Sikhote-Alin Meteorite According to Aerial Photography Data." Sub 12 Dec 52, Moscow Inst of Engineers of Geodesy, Aerial Photography, and Cartography, Ministry of Higher Education USSR (Dissertation for the Degree of Candidate in Technical Sciences)

SO: Vechernaya Moskva, January-December 1952

SARYBATYROV, S. O.

3(1) PHASE I BOOK EXPLOITATION SOV/2464

Academiya nauk SSSR. Komitet po meteoritam
Sikhote-Alinskii zheleznyi meteoritnyi dozhd', tom 1. (Sikhote-
Alin' Iron Meteorite Shower, Vol. 1) Moscow, Izd-vo AN SSSR,
1959. 363 p. 1,200 copies printed.

Resp. Ed.: Y. G. Pesenkov; Deputy Resp. Ed.: Ye. L. Krinov;
Ed. of Publishing House: I. Ye. Rakhlin; Tech. Ed.: G. M.
Shevchenko.

PURPOSE: This book is intended for earth scientists and
astronomers interested in meteorite phenomena.

COVERAGES: The collection of articles is the first of three
volumes devoted to a study of the Sikhote-Alin' iron meteorite
shower which fell on February 12, 1947. Individual articles
discuss the location of the fall, the types of craters formed
by the impact, and the mineral composition of the meteorite
fragments. Information presented in this series including
eyewitness reports, was obtained by members of the AN SSSR
Committee on Meteorites during its four expeditions made be-
tween 1947-50. Photographs accompany the text. No perso-
nalities are mentioned. No references are given.

TABLE OF CONTENTS:

Krinov, Ye. L. and S. S. Position. Description of Meteorite Craters, Fitting Places. Locations of the Fall of Small Individual Pieces of Surface Dispersion	157
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Pontov, S. S. Use of the Magnetic Method to Locate Meteorites and Their Fragments	312
Krinov, Ye. L. Catalog of the Parts of a Meteorite Shower	322
AVAILABLE: Library of Congress	

MM/12
10-21-59 (3)

SARYBAYEV, S.

USSR/General Problems. Methodology. History. Scientific
Institutions and Conferences. Teaching. Problems
of Bibliography and Scientific Documentation.

A

Abs Jour : Ref Zhur-Khimiya, No 6, 1958, 16709

Author : Sarybayev S.

Inst : No given

Title : Connection Between Chemistry and Agriculture.

Orig Pub : Metodik iyygdy. Mekdepler ylmy-barlag inst.
Turkm SSR, 1957, No 1, 46-52 (Turkm.)

Abstract.: Article on Methods.

Card 1/1

KENEGBAYEV, S. and SARYBAYEV, Sh.

"Development of Kazakh Philology Under the Soviet Regime." p. 407. in Science in Kazakhstan during Forty Years of the Soviet Regime. Alma-ata Izd-vo AN Kazakhskiy SSR, 1957, p. 452. (ed. Satpayer, K. I.)

This is a collection of articles (20) compiled by 24 authors on various aspects of scientific progress in Soviet Kazakhstan. One third of the articles also deal with the progress made in the main fields of industrial endeavor. The articles on the development of Science survey the main contributions made in the respective branches by Kazakh Scientists, and enumerate and describe the existing scientific institutes, organizations, and Universities. A large number of scientists are mentioned and their fields of interest stated.

5(3)

SOV/79-29-9-70/76

AUTHORS: Potapov, V. M., Terent'yev, A. P., Sarybayeva, R. I.

TITLE: Stereochemical Investigations. VI. Schiff's Bases From Optically Active α -(p-Xylyl)-ethyl Amine

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 9, pp 3139 - 3141 (USSR)

ABSTRACT: The authors continue their previous investigations (Refs 1,2) and synthesize a number of Schiff's bases from α -(p-xylyl)-ethyl amine. Regarding the optical activity, there are some differences in both series in spite of great similarity of these bases with those of α -phenyl-ethyl amine. It is remarkable that the former bases, depending upon the solvent, change the value of rotation considerably more than the formerly described bases of α -phenyl-ethyl amine. With the exception of two Schiff's bases, the values of molecular rotation of α -(p-xylyl)-ethyl amine derivatives are in most cases noticeably lower than those of the α -phenyl-ethyl amine derivatives. Otherwise Schiff's bases of both series are very similar to one another, which is shown especially qualitatively by equal intensification of the optical activity depending on the nature of the

Card 1/2

Stereochemical Investigations. VI. Schiff's Bases From SOV/79-29-9-70/76
Optically Active α -(p-Xylyl)-ethyl Amine

substituent in the aldehyde ring. α -(p-Xylyl)-ethyl amine in its optically active form was obtained from its racemate by way of the diastereoisomeric salts with methyl sulphuric acid (Ref 3). A much better separation was achieved with greater amounts of diastereoisomeric salts. The data on the optically active Schiff's bases obtained are listed in the table. The determinations were made at room temperature. If the initial amine was not quite pure optically, the Schiff's base was purified by distillation only, since it had to be feared that the optical degree of purity could change in recrystallization. There are 1 table and 3 Soviet references.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet (Moscow State University)

SUBMITTED: August 4, 1958

Card 2/2

SARYCHEV, A.

~~SARYCHEV, A.~~

On a true course. Prof.-tekh. obr. 15 no.2:6-8 P '58. (MIRA 11:2)

1. Zamestitel' direktora po uchebno-proizvodstvennoy chasti profesional'no-tekhnicheskogo uchilishcha No.1, Raku.
(Technical education)

SARYCHEV, A.

27-2-5/17

AUTHOR: Sarychev, A., Deputy Director of the Industrial Education
Section of the Technical Trade School No 1 in Baku

TITLE: The First Steps of a Technical Trade School (Pervyye
shagi professional'no-tekhnicheskogo uchilishcha)

PERIODICAL: Professional'no-Tekhnicheskoye Obrazovaniye, 1958, # 2
(153), pp 6-8 (USSR)

ABSTRACT: The article deals with the transformation of the Baku
Trade School No 2 into the 12 year, Professional-Technical
School No 1.

With the establishment of the new school type, different
problems had to be solved. The school director, D.Adigezalov,
and the teaching pedagogical staff cooperated in the solving
of these problems.

The extended program with respect to vocational training
demanded the rebuilding of the chemical and petroleum control
laboratories. Because of the large supplies of various
devices and chemicals, laboratory work can be intensified.

Student facilities have been improved: Special rooms to

Card 1/2

The First Steps of a Technical Trade School

27-2-5/17

prepare lessons, a library and reading-room, a summer and a winter club, two gymnasiums and a big assembly hall have been finished.

The course of studies was also altered. The teaching of English had to be introduced, because foreign technical literature on petroleum is mainly in English. Fortunately most of the teaching staff have graduated from the Foreign Languages Institutes and are able to teach English. The curriculum has not yet been settled; the first school year has already shown deficiencies, but the pedagogical staff will work out an improved program.

The school administration is trying to raise the qualifications of the teachers and masters by arranging excursions to the foremost Baku machine construction and oil processing plants, organizing lectures, etc.

ASSOCIATION: Technical Trade School #1, in Baku (Professional'no tekhnicheskoye uchilishche No 1, Baku)

AVAILABLE: Library of Congress

Card 2/2

SARYCHEV, A.

Training of the petroleum industry workers. Prof.-tekh. obr.
21 no.5:4-5 My '64. (MIRA 17:6)

1. Zamestitel' direktora gorodskogo professional'no-tekhnicheskogo
uchilishcha No.29, Baku.

SARYCHEV, A., inzh.; SERGEYEV, L.

A glorious five years. Grazhd. av. 21 no. 12:14, D '64.
(MIRA 18:12)

SARYCHEV, A., (Col, Candidate of Economic Sciences)

Sarychev, A., (Col, Candidate of Economic Sciences) - Author of article, "The Steady Increase in the Material Prosperity of the Soviet People," concerning the rise in production and the decrease in prices which are increasing the well-being of the people. (Krasnaya Zvezda, Moscow, 2 Apr 54)

SO: SUM 182, 13 August 1954

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MAKAROV, V.P., inzh.; SARYCHEV, A.A., inzh.

Introducing the VK4 hard alloy into industrial production.
Mashinostroitel' no.12:19 D '59. (MIRA 13:3)
(Metal cutting tools)

SARYCHEV, A.N.; SHINKARENKO, I.I.; GRIGOR'YEV, S.A.; KARIMOV, M.S.,
starshiy nauchnyy sotrudnik

Using cement for the stabilization of the roadbed, Put' 1
put. khoz. 7 no.6:19-20 '63. (MIRA 16:7)

1. Nachal'nik Nikolayevskoy distantii puti Odessko-Kishinevskoy
dorogi (for Sarychev). 2. Nachal'nik proyektnoy gruppy sluzhby
puti, Nikolayevskaya distantiya Odessko-Kishinevskoy dorogi
(for Shinkarenko). 3. Rukovoditel' brigady proyektnoy gruppy
sluzhby puti, Nikolayevskaya distantiya Odessko-Kishinevskoy
dorogi (for Grigor'yev). 4. Vsesoyuznyy nauchno-issledovatel'skiy
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(Railroads—Track) (Soil stabilization)

SARYCHEV, A. T., ENG.

Dams

"Calculating the stability of dams from the general resistance of soils against displacement." Gidr. stroi, 21, no. 6, 1952.

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3(5), 30(1)

SOV/99-59-11-10/15

AUTHOR: Sarychev, A.T., Engineer (Alma-Ata)

TITLE: Some Simplifications of Hydrological Computations

PERIODICAL: Gidrotekhnika i melioratsiya, 1959, Nr 11, pp 47-50 (USSR)

ABSTRACT: This short article presents a simplified method for determining the coefficient of variation C_v in connection with the hydrological computations for the output of a spring Q . The usual formula for determining C_v is presented with the associated table of data on the output of the spring. The author demonstrates the process of simplifying the given formula with the result that the amount of data necessary is significantly reduced; the data table in its new, short form is also presented. Also outlined is a process for determining C_v using the new formula when dealing with large values of Q . Finally use of the described simplified method for establishing C_v is outlined so that when new project work with a spring is contemplated, it can be done on the basis of previous hydrological computations for the spring together with a limited number of recent observations.

Card 1/2

Some Simplifications of Hydrological Computations

SOV/99-59-11-10/15

For this purpose the author presents a further modification of the formula for C_v . There are 3 tables and 1 Soviet reference.

Card 2/2